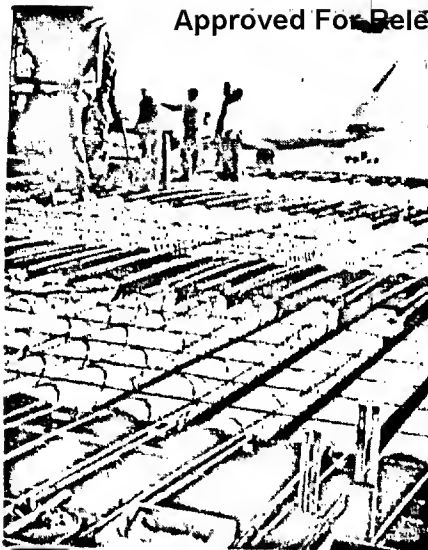


Department of the Interior (August 1957-59=100)



Bradley International Airport
International Terminal Building
Bradley Field,
Windsor Locks, Connecticut

TUBE SLAB CONSTRUCTION

CAST IN PLACE
CONCRETE FLOORS
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WITH PAPER OR
METAL TUBES

ADVANTAGES

- Quality construction at low cost
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- Reduces floor thickness
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- Flexibility of design
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- Increases span capabilities of concrete slabs

A proven system, based on a simplified design procedure, nonionally used for over 12 years in construction of office buildings, schools, auditoriums, hotels, garages and bridges.

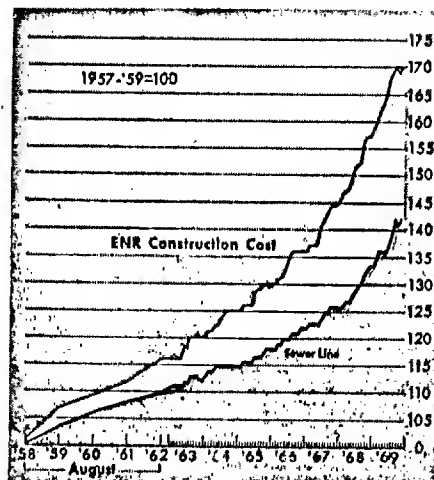
- Staff engineers will assist architects, engineers and contractors to obtain best application and results.
- Arrangements can be made for manufacturing tubes on the job site.

Authorized tube manufacturers furnish license with tube purchase.

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Manufacturing franchises for selected areas are available.

"Refer to Sweet's File 16/TU"



	Oct. '68	July '68	Aug. '68	Sept. '68	Oct. '68	Percent Change Oct. '68
U. S. AVERAGE	132.4	139.3	141.5	141.2	141.5	+6.9
Atlanta	112.8	121.6	122.0	123.1	121.6	+7.8
Baltimore	125.1	125.5	125.5	126.3	128.1	+2.4
Birmingham	106.3	117.9	117.4	117.5	117.5	+10.5
Boston	133.3	138.3	143.4	148.1	148.5	+11.4
Chicago	126.4	133.8	136.3	136.3	136.3	+7.8
Cincinnati	132.9	145.5	145.5	146.7	146.7	+10.4
Cleveland	143.7	150.8	155.3	154.3	154.2	+7.3
Dallas	106.5	112.3	117.5	117.6	117.6	+10.4
Denver	123.2	124.9	128.1	128.2	129.2	+4.9
Detroit	144.8	148.1	148.2	148.9	148.9	+2.6
Kansas City	123.5	132.0	133.7	133.9	135.2	+9.5
Los Angeles	140.6	141.9	141.6	142.9	142.9	+1.6
Minneapolis	140.5	144.7	145.6	145.6	145.6	+3.6
New Orleans	120.8	130.7	131.8	133.2	133.2	+10.3
New York	166.3	157.4	161.5	161.5	163.1	-1.9
Philadelphia	133.2	149.0	149.1	148.6	148.8	+11.7
Pittsburgh	135.1	153.0	151.9	152.2	152.4	+12.8
St. Louis	136.0	144.1	135.6	143.6	143.6	+5.6
San Francisco	147.7	156.3	157.7	158.0	158.0	+7.0
Seattle	149.3	158.7	160.2	158.4	158.6	+6.2

Sewer Cost Upswing Continues

Sewerage construction costs climbed this year at the fastest pace in recent history. Sewage treatment plant costs jumped 7.2%, while sewer line costs rose 6.9%. These trends for the 12 months ending October are measured by indexes compiled by the Federal Water Pollution Control Administration.

The fact that contractors had less new work to bid on this year than the record let in 1968 seemed to have no effect on costs. Contractor prices drove steadily upward, fueled by record wage increases, widespread materials and equipment price hikes, to say nothing of the spiral in money costs.

Although these sewerage construction cost indexes moved up less than the labor-packed ENR Construction Cost Index (up 9.3% in the year ending October 1969), they rose slightly faster than the 6.8% rise in ENR's Building Cost Index. Both the ENR and FWPCA indexes cover the same cities.

This year's cost rise hurts especially those communities forced to hold off lettings of new plants or sewer lines because of financing problems: interest rates above statutory ceilings, or Washington's delay in approving treatment plant grants-in-aid.

Pittsburgh received the sharpest cost blow this year. Its treatment plant cost index soared 15.3%. Jumps of slightly more than 10% in treatment plant costs hit Boston, Dallas and Detroit.

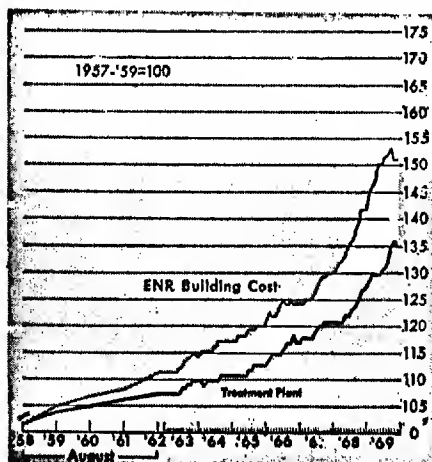
Sewer line costs averaged a smaller rise than treatment plants for the 20 cities. But more cities had jumps of 10% or more for line costs than treatment plant costs.

Line costs climbed 9% to nearly 13% in Pittsburgh, Philadelphia, Boston, Birmingham, New Orleans, Cincinnati, Dallas and Kansas City.

Cities noteworthy for greatest cost stability in this year's indexes are New York and Los Angeles.

Sewage Treatment Plant Cost Indexes

Department of the Interior (August 1957-59=100)



	Oct. '68	July '68	Aug. '68	Sept. '68	Oct. '68	Percent Change Oct. '68
U. S. AVERAGE	126.8	132.4	135.3	135.5	135.9	+7.2
Atlanta	113.9	119.1	121.4	122.4	122.1	+7.2
Baltimore	119.0	120.9	122.7	123.1	124.4	+4.5
Birmingham	111.9	112.6	113.7	114.2	114.2	+2.1
Boston	127.4	130.4	138.6	140.4	140.5	+10.3
Chicago	129.9	135.0	137.1	137.1	137.1	+5.5
Cincinnati	125.6	134.5	135.9	135.9	135.9	+8.2
Cleveland	136.7	144.4	146.1	145.8	145.7	+6.6
Dallas	110.9	117.4	122.3	122.9	122.9	+10.8
Denver	118.3	121.2	125.2	125.2	125.9	+6.4
Detroit	137.9	149.4	151.2	152.5	152.5	+10.6
Kansas City	118.6	122.2	124.3	124.6	126.8	+7.0
Los Angeles	134.6	135.5	136.6	137.0	137.5	+2.2
Minneapolis	131.2	135.7	137.6	137.6	137.6	+4.9
New Orleans	115.3	121.2	123.3	124.9	124.9	+8.3
New York	147.5	148.1	153.0	153.0	155.1	+5.2
Philadelphia	123.4	132.1	135.6	135.0	135.2	+9.6
Pittsburgh	127.5	145.1	146.3	146.7	147.0	+15.3
St. Louis	131.6	137.6	143.5	139.0	140.4	+6.7
San Francisco	138.6	143.5	146.3	147.6	147.1	+6.1
Seattle	135.4	142.7	145.7	144.3	144.5	+6.7